



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/606,443
		Filing Date	June 25, 2003
		First Named Inventor	Buttrick Jr., James N.
		Art Unit	3722
		Examiner Name	Talbot, Michael
Sheet 1 of 1	Attorney Docket Number	BING-1-1002	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
AWT		US- 2,151,205	03-21-1939	Hawn	
AWT		US- 3,627,436	12-14-1971	Adams et al.	
AWT		US- 3,633,433	01-11-1972	Schurch	
AWT		US- 3,874,244	04-01-1975	Rasmussen et al.	
AWT		US- 4,123,187	10-31-1978	Turner	
AWT		US- 4,686,397	08-11-1987	Becker	
AWT		US- 4,720,897	01-26-1988	Orrell et al.	
AWT		US- 5,072,948	12-17-1991	Kostrzewski	
AWT		US- 5,173,015	12-22-1992	Maynard	
AWT		US- 5,390,557	02-21-1995	Tsukada	
AWT		US- 5,582,067	12-10-1996	Snider	
AWT		US- 20020127069	09-12-2002	Luigi	
AWT		US- 6,634,838	10-21-2003	Kitamura et al.	
AWT		US- 20040234352	11-25-2004	Vanderpol et al.	
AWT		US- 20040245879	12-09-2004	Hirzel et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code 3 - Number 4 - Kind Code 5 (if known)			
AWT		JP 4010647.11	03-10-1989	Ando et al.	
AWT		JP 05-318218	12-03-1993	Shuzo et al.	
AWT		JP 01-210207	08-23-1989	Toshizo et al.	
AWT		JP 58-028442	02-19-1983	Sadaji et al.	

Examiner Signature	<i>Michael W. Talbot</i>	Date Considered	5/1/06
--------------------	--------------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
intended to respond to a collection of information unless it contains a valid OMB

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/606,443
				Filing Date	June 25, 2003
				First Named Inventor	Buttrick, James N. Jr.
				Art Unit	3722
				Examiner Name	Talbot, Michael
				Attorney Docket Number	BING-1-1002
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
AWJ		US- 1,676,206	07-03-1928	Ratliff	
AWJ		US- 1,741,044	12-24-1929	Whipple et al.	
AWJ		US- 2,946,246	07-26-1960	Allan	
AWJ		US- 2,963,927	12-13-1960	Hanger	
AWJ		US- 3,348,248	10-24-1967	Milkert	
AWJ		US- 4,388,890	06-21-1983	Wester et al.	
AWJ		US- 4,561,814	12-31-1985	Dahlgren, Jr., et al.	
AWJ		US- 4,591,301	05-27-1986	Pelfrey	
AWJ		US- 4,599,018	07-08-1986	Woods	
AWJ		US- 4,958,967	09-25-1990	Adachi	
AWJ		US- 5,032,051	07-16-1991	Gilmore	
AWJ		US- 5,062,746	11-05-1991	Deremo	
AWJ		US- 5,297,907	03-29-1994	Strait et al.	
AWJ		US- 5,348,429	09-20-1994	Pfister	
AWJ		US- 5,352,069	10-04-1994	Rourke	
AWJ		US- 5,537,927	07-23-1996	Rogovein et al.	
AWJ		US- 5,609,444	03-11-1997	Valsecchi	
AWJ		US- 6,007,278	12-28-1999	Arsenault	
AWJ		US- 6,309,145	10-30-2001	Tremblay et al.	
AWJ		US- 6,334,745	01-01-2002	Bennett Sr.	

[illegible]

Examiner Signature	<i>Michael W. Talbot</i>	Date Considered	5/1/06 5/1/06
--------------------	--------------------------	-----------------	--------------------------

*EXAMINER Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Deadline Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/606,443
				Filing Date	June 25, 2003
				First Named Inventor	Buttrick, James N. Jr.
				Art Unit	3722
				Examiner Name	Talbot, Michael
				Attorney Docket Number	BING-1-1002
Sheet	2	of	2		

[illegible][illegible]

Examiner Signature	<i>Whitney W. Taffet</i>	Date Considered	5/1/06
-----------------------	--------------------------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

compliance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**